PTO/SB/05 (08-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. CFA00009US Attorney Docket No. UTILITY PATENT APPLICATION Suzuko Fukao First Inventor TRANSMITTAL Title EK890704078US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Mail Stop Patent Application **APPLICATION ELEMENTS Commissioner for Patents** ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. 🔽 Specification [Total Pages_ Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, CD-ROM or CD-R (2 copies); or or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) c. Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Abstract of the Disclosure 9. 🔽 Assignment Papers (cover sheet & document(s)) 4. In Drawing(s) (35 U.S.C. 113) [Total Sheets] Power of 37 CFR 3.73(b) Statement (when there is an assignee) Attorney 5. Oath or Declaration [Total Sheets English Translation Document (if applicable) a. Newly executed (original or copy) Copies of IDS Information Disclosure

b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	13. Preliminary Amendment 14. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Supply the requisite information below and in the first sentence of the
specification following the title, or in an Application Data Sheet under	
5b, is considered a part of the disclosure of the accompanying continua The incorporation <u>can only</u> be relied upon when a portion has been inac	
Customer Number: 34904	OR Correspondence address below
Name	
Address	
City	State Zip Code
Country	Telephone Fax

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. (Attorney/Agent)

Name (Print/Type)

Signature

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL			Complete if Known					
FEE IRANSIMITIAL			Application Number					
for FY 2003			Filing Date					
			First Named Inventor		Invent	or Suzuko Fukao	Suzuko Fukao	
Effective 01/01/2003. Patent fees are subject to annual revision.			Examiner Name		me			
Applicant claims small entity status. See 37 CFR 1.27			Art Ur	nit				
TOTAL AMOUNT OF PAYMENT (\$) 834.00				ey Doo	ket No	CFA00009US		
TOTAL AMOUNT OF FATMENT (V) STITLES			Attorn	ey boo				
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)				
Check Credit card Money Order None			3. ADDITIONAL FEES Large Entity Small Entity					
✓ Deposit Account:		Fee			Fee	Ess Donorintian		
Deposit Account 502456		Code		Code		Fee Description	Fee Paid	
Account Number 502456		1051	130	2051		Surcharge - late filing fee or oath		
Deposit Account Canon U. S. A., Inc.			50	2052	25 5	Surcharge - late provisional filing fee or cover sheet		
Name			130	1053	130 M	Non-English specification		
The Director is authorized to: (check all Charge fee(s) indicated below	Credit any overpayments	1812	2,520			For filing a request for ex parte reexamination	 	
Charge any additional fee(s) during the	• • • •	n 1804	920*	1804		Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except to the above-identified deposit account.			1,840*	1805		Requesting publication of SIR after Examiner action		
FEE CALCULA	TION	1251	110	2251		Extension for reply within first month		
1. BASIC FILING FEE	THOIL .	1252	410	2252	205	Extension for reply within second month		
arge Entity Small Entity		1253	930	2253	465	Extension for reply within third month		
Fee Fee Fee Fee Descri	i <u>ption</u> Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month		
1001 750 2001 375 Utility filir	ng fee	1255	1,970	2255	985	Extension for reply within fifth month		
1002 330 2002 165 Design fil	730.00	1401	320	2401	160	Notice of Appeal		
1003 520 2003 260 Plant filin	g fee	1402	320	2402	160	Filing a brief in support of an appeal		
1004 750 2004 375 Reissue	filing fee	1403	280	2403	140	Request for oral hearing		
1005 160 2005 80 Provision	al filing fee	1451	1,510	1451		Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 750.00			110	2452	55	Petition to revive - unavoidable	-	
2. EXTRA CLAIM FEES FOR U		1453	3 1,300	2453	650	Petition to revive - unintentional		
* *	Fee from	. 100	1,300	2501		Utility issue fee (or reissue)	-	
Total Claims $19 - 20^{**} = 0$	ims <u>below</u> <u>Fee Pai</u>			2502		Design issue fee		
Independent 4 - 3** =	x 84 = 84	1503		2503		Plant issue fee		
Claims - 3 - 5 - Multiple Dependent	- ~ 	1460		1460		Petitions to the Commissioner		
, ,		1807		1807		Processing fee under 37 CFR 1.17(q) Submission of Information Disclosure Stmt		
	Description	1806		1806				
Code (\$) Code (\$)	in expose of 20	8021	1 40	8021	40	Recording each patent assignment per property (times number of properties)	<u> </u>	
1202 10	in excess of 20 dent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))		
1201 01 2201 12	dependent claim, if not paid	1810	750	2810	375	For each additional invention to be		
1200 200	sue independent claims					examined (37 CFR 1.129(b))		
	original patent	180		2801		Request for Continued Examination (RCE)		
	sue claims in excess of 20 ver original patent	180	2 900	1802	900	Request for expedited examination of a design application		
CUDTOTAL A	11	Other fee (specify)						
SUBTOTAL (2) (\$) 84.00 **or number previously paid, if greater; For Reissues, see above				y Basic	Filing Fe	ee Paid SUBTOTAL (3) (\$)		
SUBMITTED BY (Complete (if applicable))								
Name (Print/Type) Fidel-Nwam	٠. لا	Registration No. (Attorney/Agent)				Telephone 408 468	2514	
Signature ATW	Maem	1		L6:	29		3	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.